

**MATCH**  **LINE**

WideScreen Television

**28PW9616**

NICAM

## Product highlights

- Real Flat picture tube
- 100Hz Digital Scan with Digital Natural Motion
- Digital CrystalClear with Dynamic Contrast and LTP2
- WideScreen plus
- Dolby Digital and MPEG-multichannel
- Wireless FM surround speakers
- TXT/NEXTVIEW DualScreen
- NEXTVIEW (type 3)
- 1200 pages EasyText teletext (level 2.5)
- Active Control
- Improved Graphical User Interface
- Zoom (16x)

**REAL  
FLAT**

DIGITAL  
NATURAL MOTION

DIGITAL  
  
CRYSTALCLEAR

WideScreen <sup>plus</sup>

 **DOLBY**  
DIGITAL

MPEG  Multichannel



**active  
control**



**ECO  
POWER**



*Let's make things better.*



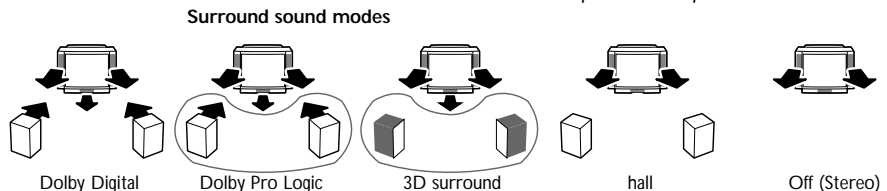
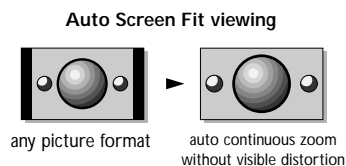
**PHILIPS**

## Product highlights

- **100 Hz Digital Scan with Digital Natural Motion** offers a flickerfree picture with smooth movement reproduction.
- **Digital CrystalClear with Dynamic Contrast** Scavem, Comb filter 9-bit processing, luminance enhancements and color enhancements. Offer a crisp and natural picture
- **WideScreenplus** for enhanced resolution and picture quality.
- **Dolby Digital /MPEG multichannel** offers the ultimate in digital surround sound quality. Including Dolby Pro Logic and 3D Surround
- **nexTVView Program Guide (type 3)** Direct access of program info of all channels (1week) and automatic programming of VCR
- **FM Wireless surround sound speakers.** Independent left and right surround with full Dolby Digital bandwidth
- **TXT/NexTVView DualScreen** picture + TXT or picture + NexTVView.
- **1200 Pages EasyText teletext (level 2.5)**
- **Active control\***, continuous picture analysis and control, Automatic Digital Noise Reduction, Auto Sharpness, Auto color, Auto dynamic contrast, Ambient light sensor and Smart controls. Automatically offers the best picture setting in three levels: off, min, med, max.
- **Improved Graphical User interface** Easy menu control of all functions,
- **Zoom 16x**
- **Active subwoofer** and full digital sound processing

## Supporting Features

- Real flat picture tube
- Digital Colour Transient Improvement (CTI)
- Picture freeze
- Viewing modes: 4:3, Movie Expand 14:9 & 16:9(scroll), Subtitle zoom (scroll), Wide Screen, Auto format including auto screen fit: automatic perfect fit by continuous zoom in both directions .
- EasyTune (auto store, ACI and ATS)
- EasyLink + Nextviewlink
- Low power standby
- 160W music output + 60W surround
- Integrated centre speaker
- Dynamic Bass Enhancement
- 6 Loudspeakers + 2 Surround speakers
- Independent headphone volume control



## Technical specifications

### Chassis

- Type: FL9a MG

### Picture

- Screen diameter: 28"70cm
- Visible screen size: 66cm
- Picture tube: Real Flat 16:9
- DAF CRT-gun
- Invar CRT mask, Black-matrix design, Bright phosphors
- Image stability: 100Hz Digital Scan - Digital Natural Motion
- S-Video display
- picture tilt control (for /12 only)
- Smart Picture control (5 modes)
  - Soft, Natural, Rich, Multi media, Personal
- Brightness, contrast, tint, sharpness, colour control

### Sound

- Sound system: 6 speaker HiFi stereo
- Output (total): 160W music output + 60W surround
- NICAM stereo
- Frequency response: 20Hz-20kHz, +1/-3dB (ampl.)
- Loudspeakers:
  - 2 x Midrange 2x6"
  - 2x tweeter 12mm
  - 1x subwoofer 5"
  - 1x centre speaker 2x6"
- Smart Sound control
  - Movie, Speech, Music, Personal
- 'TV is center' setup (with ext. HiFi syst)
- FM Wireless surround sound speakers. 60W music power independent left and right surround with full Dolby Digital bandwidth and low power standby (864Mhz /12, /5; 433Mhz /01, /19, /58)
- Switchable to wireless headphone transmission

## Operation

- Easymenu driven installation and operation. Direct access menu's and cursor control.
- Selection of 22 menu languages
- 100 preselections
- Multi-function RC handset controlling
  - TV, VCR, Sat, DVD, CD, CDR, Tape, Tuner
- On screen status display on programmes and functions (OSD)
- Sleep timer up to 180 minutes
- Electronic lock for parental control
- Favourite programme selection
- Programme title display (transmitted by TXT)
- On screen menu display:
  - Picture menu, Sound menu, Features menu, Surround menu, Program list, Set-up menu, Installation menu, Program name giving, Language and country selection, Active control demo menu indicating real time picture settings
- TXT/NexTVView DualScreen
- Dealer message and demo modes
- Dealer Link: wireless communication for installation and service.

## Reception

- Tuning system: 100 fold PLL
- Colour transmission systems
  - Off-air: /12, /58
  - /05, /19 PAL B/G/I + SECAM B/G/L'
- A/V connections:
  - PAL B/G
  - PAL I (UK only)
  - SECAM B/G
  - NTSC video play back
- Channel selections: 120 channels
  - VHF, UHF, S-Channels, Hyperband
- Frequency range: (47.25-855.25MHz)
- Aerial input: 75 Ohm (Coax)
- VCR preselections: 0: 50-99
- Frequency / Channel selection (Germany, Austria and Benelux only)

## Teletext

- EasyText teletext (level 2.5): fast access to preferred pages and subcode page scroll
- Recept. standards: WST / TOP / FLOF
- Page memory: 1200 pages A.I. used for
  - Habit watch, preferred page and subcode page lists
  - favorite pages
- Program independent subtitles

## Remote Control

- RC type: RC 2033
- high gloss cursor pad
- transparent 'high gloss' buttons and improved button 'click'
- matching TV colour
- system control for
  - TV, VCR, Sat, DVD, CD, CDR, Tape, Tuner
- bi-color Led indicators

## Connections

- Front
  - S-Video in
  - video CVBS-in (cinch)
  - audio L/R-in (cinch) with automatic mono switching
  - headphone jack 3.5mm
- Rear
  - Euro A/V connector blue (RGB-in; CVBS-in/out) with auto image format detection
  - Euro A/V connector blue (RGB-in; Y/C-in/out; CVBS-in/out) with WYSIWYR select and image format detection
  - 2 Euro A/V connector black (CVBS-in)
  - 2 audio-out (cinch) Constant/Variable level
  - 2 surround sound out (cinch), Subwoofer out (cinch)
  - SP-DIF input (cinch) Dolby Digital AC-3, PCM digital audio
  - dockable wireless surround transmitter



RC 2033

Release date : May '00  
 Predecessor(s) : 28PW9616  
 Date of issue : Jan '00